PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2003-028021

(43) Date of publication of application: 29.01.2003

(51)Int.Cl.

F02M 47/00

F02M 47/02

F02M 61/16

(21)Application number: 2001-216043

(71)Applicant: BOSCH AUTOMOTIVE SYSTEMS

CORP

(22)Date of filing:

16.07.2001

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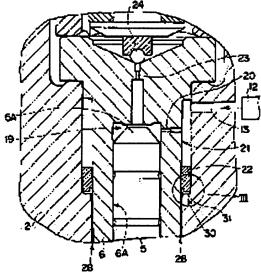
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(54) SEAL STRUCTURE OF FUEL INJECTION VALVE (57) Abstract:

PROBLEM TO BE SOLVED: To provide a seal structure of a fuel injection valve manufacturable at a low cost, not requiring excessive component accuracy, improving a sealing function in a pressure lead-in chamber 21 of the fuel injection valve, improving durability and a service life of the fuel injection valve and a seal member 22, and stabilizing the sealing function.

SOLUTION: In this seal structure of the fuel injection valve, a support ring 31 is provided on a downward side (a low-pressure side) of the seal member 22. The seal member 22 is provided in the high-pressure pressure lead-in chamber 21 between an injector housing 2 and a valve body 6 slidably inserted with a valve piston 5 to seal a portion between the pressure lead-in chamber 21



and the low-pressure side (a gap 28). The support ring 31 is provided on the low-pressure side 28 of the seal member 22.

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[Date of request for examination]

20.06.2002

[Date of sending the examiner's decision of

rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or

application converted registration]

[Date of final disposal for application]

[Patent number]

3567374

[Date of registration]

25.06.2004

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]